INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We make Indiana a cleaner, healthier place to live.

Joseph E. Kernan
Governor

Lori F. Kaplan
Commissioner

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.in.gov/idem

February 17, 2004

TO: Interested Parties / Applicant

RE: CTB, Inc / 085-18621-00054

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision – Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

(1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
(2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
(3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

(1) the name and address of the person making the request;
(2) the interest of the person making the request;
(3) identification of any persons represented by the person making the request;
(4) the reasons, with particularity, for the request;
(5) the issues, with particularity, proposed for considerations at any hearing; and
(6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNPER-AM.dot 9/16/03

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February 17, 2004

Mr. Rick Van Pufflen
CTB, Inc.
SR 15 North
Milford, IN 46542

Re: 085-18621-00054
First Notice-Only Change to
Registration 085-4656-00054

Dear Mr. Pufflen:

CTB, Inc. was issued a Registration on January 2, 2002 for an animal feeding systems, PVC products and galvanized storage silo manufacturing source. A written request was received by the Office of Air Quality on January 16, 2001 to add four (4) electric spot welders to the existing eight (8) electric spot welders at the source. Pursuant to the provisions of 326 IAC 2-5.5-6(d)(12), (a change in descriptive information concerning the source or emissions unit or units) which are exempt level emissions, the permit is hereby revised through a notice only change as follows.

Chore-Time Equipment

(a) Three (3) fan cage spot welding booths, known as spot welder #1, #2 and #3, installed in 1941 - 1972, exhausted through Stack W-1, capacity 14 welds on 125 miscellaneous parts per hour.

(b) Eight (8) miscellaneous galvanized parts spot welding booths, known as spot welder #1 - #8, installed in 1941 - 1979, exhausted through Stack W-2.

(c) Four (4) miscellaneous galvanized parts electric spot welders, known as spot welder #9 - #12, installed in 2004.

(d) Four (4) miscellaneous parts metal inert gas welding booths, known as weld area #1 - #4, installed in 1961 - 1995, exhausted through Stacks W-3 and W-4, capacity: 2.8 pounds of wire per hour total.

(e) One (1) maintenance repair area, exhausted through Stack W-5.

(f) One (1) prototype engineering welding station, exhausted through Stack W-6.

(g) Two (2) lab exhaust fans, exhausted through Stacks W-7 and W-8, respectively.

(h) One (1) agricultural equipment plasma cutting station, exhausted through Stack P-1, capacity: 15 cuts per hour at 0.001 pounds per cut.

(i) One (1) spray paint booth, known as P-1, equipped with HVLP applicators and dry filters for particulate overspray control, exhausted through Stack P-2, capacity: 54 miscellaneous galvanized metal pieces per hour.

(j) Eleven (11) molding machines, known as 17053 through 17063, installed in January 1980 - March 1995, and one (1) blow molder, known as 17052, installed in February 1994, exhausted through six (6) stacks, known as Stack E-8, worse case throughput total capacity:604, 164, 669.6 and 120 pounds of polypropylene, polyvinyl chloride, acrylonitrile-butadiene-styrene and nylon per hour, respectively.

(k) Three (3) silos, known as S-1, S-2 and S-3, total capacity: 65 tons, throughout capacity: 604 pounds of polypropylene per hour.

(l) Four (4) natural gas-fired unit heaters, known as A, B, D, and F, rated at 0.300 million British thermal units per hour each.

(m) One (1) natural gas-fired unit heater, known as C, rated at 0.320 million British thermal units per hour.

(n) Five (5) natural gas-fired unit heaters, known as G, I, J, L, and S, rated at 0.125 million British thermal units per hour, each.

(o) Six (6) natural gas-fired unit heaters, known as H, P, Q, T, U, and X, rated at 0.225 million British thermal units per hour, each.

(p) Three (3) natural gas-fired unit heaters, known as K, R and V, rated at 0.175 million British thermal units per hour, each.

(q) One (1) natural gas-fired unit heater, known as M, rated at 0.100 million British thermal units per hour.

(r) One (1) natural gas-fired unit heater, known as N, rated at 0.160 million British thermal units per hour.

(s) One (1) natural gas-fired unit heater, known as O, rated at 0.180 million British thermal units per hour.

(t) One (1) natural gas-fired unit heater, known as W, rated at 0.250 million British thermal units per hour.

(u) One (1) natural gas-fired hot water furnace, known as TT, rated at 0.232 million British thermal units per hour.

(v) Four (4) natural gas-fired air make-up units, known as AMU-1 - AMU-4, rated 2.600 million British thermal units per hour, each.

(w) One (1) natural gas-fired air make-up unit, known as AMU-5, rated at 1.650 million British thermal units per hour.

(x) Four (4) natural gas-fired forced air furnaces, known as AA, MM, NN, and PP, rated at 0.100 million British thermal units per hour, each.

(y) Five (5) natural gas-fired forced air furnaces, known as BB, DD, FF, GG, and HH, rated at 0.125 million British thermal units per hour, each.

(z) Two (2) natural gas-fired forced air furnaces, known as CC and II, rated at 0.175 million British thermal units per hour, each.

(aa) One (1) natural gas-fired forced air furnace, known as EE, rated at 0.044 million British thermal units per hour.

(bb) One (1) natural gas-fired forced air furnace, known as JJ, rated at 0.060 British thermal units per hour.

(cc) One (1) natural gas-fired forced air furnace, known as KK, rated at 0.150 British thermal units per hour.

(dd) One (1) natural gas-fired forced air furnace, known as LL, rated at 0.112 British thermal units per hour.

(ee) One (1) natural gas-fired forced air furnace, known as OO, rated at 0.160 British thermal units per hour.

(ff) One (1) electric air handler, known as QQ;

(gg) One (1) natural gas-fired forced air furnace, known as RR, rated at 0.090 British thermal units per hour.

(hh) One (1) natural gas-fired roof top unit, known as SS, rated at 0.203 British thermal units per hour.

(ii) Five (5) natural gas-fired forced air furnaces, known as UU, VV, WW, XX, and YY, rated at 0.132 million British thermal units per hour, each;

(jj) One (1) natural gas-fired forced air furnace, known as ZZ, rated at 0.046 British thermal units per hour.

(kk) Four (4) natural gas-fired infrared heat tubes, known as Y1, Y2, Z1 and Z2, rated at 0.075 million British thermal units per hour, each.

(ll) One (1) natural gas-fired water heater, rated at 0.030 British thermal units per hour.

Brock Manufacturing

(mm) One (1) plasma cutting booth, installed in May 1990, exhausted through P1 and P2, capacity 15 cut per hour at 0.03 pounds per cut.

(nn) Six (6) metal work stations, known as butt welding, auger welding, south weld booth, center weld booth, north weld booth, and portable, equipped with ten (10) electrostatic precipitators, installed in 1979 - 1993, one (1) portable electrostatic precipitator, installed in 1987.

(oo) One (1) spot welding booth, installed in 1965 - 1979.

(pp) One (1) solder booth, installed in 1984, equipped with an electrostatic precipitator, installed in 1979.

(qq) One (1) natural gas-fired air make-up unit, known as AMU-1, rated at 1.925 British thermal units per hour.

(rr) One (1) natural gas-fired air make-up unit, known as AMU-2, rated at 1.500 British thermal units per hour.

(ss) Six (6) natural gas-fired air make-up units, known as AMU-3 - AMU-8, rated at 0.500 million British thermal units per hour, each.

(tt) One (1) natural gas-fired air make-up unit, known as AMU-9, rated at 1.870 British thermal units per hour.

(uu) One (1) natural gas-fired air make-up unit, known as AMU-10, rated at 1.900 British thermal units per hour.

(vv) One (1) natural gas-fired water heater, rated at 0.320 British thermal units per hour.

(ww) Nine (9) natural gas-fired unit heaters, known as A, C, F, G, H, P, W, X, and Z, rated at 0.250 million British thermal units per hour, each.

(xx) Sixteen (16) natural gas-fired unit heaters, known as B, D, I, J, K, L, M, N, O, Q, R, S, T, U, V, and Y, rated at 0.400 million British thermal units per hour, each.

(yy) One (1) natural gas-fired unit heater, known as E, rated at 0.230 British thermal units per hour.

(zz) One (1) natural gas-fired unit heater, known as AA, rated at 0.200 British thermal units per hour.

(aaa) Two (2) natural gas-fired unit heaters, known as BB and CC, rated at 0.120 million British thermal units per hour, each.

(bbb) Four (4) natural gas-fired roof top units, known as DD, EE, FF, and HH, rated at0.150 British thermal units per hour, each.

(ccc) One (1) natural gas-fired roof top unit, known as GG, rated at 0.100 British thermal units per hour.

(ddd) One (1) natural gas-fired forced air furnace, known as II, rated at 0.080 British thermal units per hour.

(eee) Eleven (11) Metal Machines # 0274, # 0287, # 0323, # 0345, # 0348, # 0541, # 0542, # 0543, #0544, # 257, and # 0348, each equipped with an electrostatic precipitator.

The following conditions shall be applicable:

1. Pursuant to 326 IAC 5-1-2 (Opacity Limitations) except as provided in 326 IAC 5-1-3 (Temporary alternative opacity limitations), opacity shall meet the following:

   (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

   (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of 15 minutes (60 readings) in a 6-hour period as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuos opacity monitor in a six (6) hour period.

2. Any change or modification which may increase the potential to emit a combination of HAPs,

VOC, NO_X, SO_2, PM or PM_{10} to twenty five (25) tons per year or a single HAP to ten (10) tons per year from this source shall require approval from IDEM, OAQ prior to making the change.

3. Pursuant to 326 IAC 6-3-2, the allowable particulate matter (PM) from the welding, plasma cutting, spray booth, molding, metal working, soldering and silo operations shall each be limited by the following:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$E = 4.10\ P^{0.67}$ where E = rate of emission in pounds per hour and
P = process weight rate in tons per hour

Pursuant to 326 IAC 6-3-2(c), the allowable particulate matter emissions rate from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than one hundred (100) pounds per hour shall not exceed 0.551 pounds per hour.

This registration is the first air approval issued to this source. The source may operate according to 326 IAC 2-5.5.

An authorized individual shall provide an annual notice to the Office of Air Quality that the source is in operation and in compliance with this registration pursuant to 326 IAC 2-5.5-4(a)(3). The annual notice shall be submitted to:

Compliance Branch
Office of Air Quality
100 North Senate Avenue
P.O. Box 6015
Indianapolis, IN 46206-6015

no later than March 1 of each year, with the annual notice being submitted in the format attached.

An application or notification shall be submitted in accordance with 326 IAC 2 to the Office of Air Quality (OAQ) if the source proposes to construct new emission units, modify existing emission units, or otherwise modify the source.

Sincerely,

Original Signed by Paul Dubenetzky

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

MLK/MES
cc: File - Kosciusko County
Kosciusko County Health Department
Air Compliance - Doyle Houser
Northern Regional Office
Permit Filing
Air Programs Section - Michele Boner

Compliance Branch
Office of Enforcement

Registration
Annual Notification

This form should be used to comply with the notification requirements under326 IAC 2-5.5-4(a)(3)

Company Name:	**CTB, Inc.**
Address:	**SR 15 North and Syracuse Road**
City:	**Milford, IN 45642**
Authorized individual:	**Rick VanPufflen**
Phone #:	**(219) 658-4191**
Registration #:	**R 085-4656-00054**

I hereby certify that this source is still in operation and is in compliance with the requirements of Registration R 085-4656-00054.

Name (typed):
Title:
Signature:
Date: